

2. Were you able to tell which was the "REFERENCE" presentation and which was the "TEST" presentation?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (12)

NO (15)

If yes, what picture quality differences helped you? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Clarity/Sharpness

Unspecified	(3)	Mannequin	(1)	Fax Machine	(1)
Snow Tires	(1)	Dream Team	(1)	Picnic with Ants	(1)
Christa	(1)	Cheshire Cat	(1)	Ax Murderer	(1)

Color Quality

Snow Tires	(2)	Woman & Room	(1)	Connections	(1)
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Brightness/Contrast

Golf	(1)	Connections	(1)	Cheshire Cat	(1)
Snow Tires	(1)	Window	(1)	Metal Table & Chairs	(1)

Motion Rendition

Mannequin	(1)	End Zone	(1)
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Miscellaneous Artifacts

Flickers

Buckingham Palace	(1)
Rotating Pyramids	(1)
Mirror	(1)

Blocking

Picnic with Ants	(1)
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Unspecified

Christa	(1)	Girlss with Toys	(2)	Cheshire Cat	(1)
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3. What aspects of picture quality influenced your opinion when judging the overall quality of the presentation(s)? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Clarity/Sharpness

Unspecified	(6)	Rotating Pyramids	(1)	Fax Machine	(3)
Buckingham Palace	(3)	Clock	(1)	Snow Tires	(1)
Dream Team	(2)	Picnic with Ants	(1)	Mirror	(5)
End Zone	(1)	Living Room	(1)	Christa	(3)
Den	(2)	Fountain	(2)		

Color Quality

Unspecified	(2)	Toys	(1)	Picnic with Ants	(1)
End Zone	(1)	Snow Tires	(1)	Tulips	(1)
Woman & Room	(1)				

Brightness/Contrast

Unspecified	(1)	Tulips	(1)	Dream Team	(1)
Christa	(2)	Fountain	(2)	Mirror	(2)
Cheshire Cat	(1)	Girls with Toys	(1)	Buckingham Palace	(1)
End Zone	(1)	Den	(1)	Snow Tires	(2)
Living Room	(1)	Window	(1)		

Motion Rendition

Unspecified	(6)	Christa	(1)	End Zone	(1)
Mirror	(2)	Cheshire Cat	(1)		

Miscellaneous Artifacts

Life Like Images/3-D

Snow Tires	(2)
End Zone	(1)
Buckingham Palace	(1)
Tulips	(1)

Blocking

Picnic with Ants	(2)
<u>Camera Angle</u>	
Girls with Toys	(1)

Flickers

Golf	(1)
Living Room	(1)
Den	(1)
Buckingham Palace	(1)

Unspecified

Living Room	(1)
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4. Were the differences in quality between Presentations "A" and "B" greater for pictures that contained movement than for those that contained no movement?

YES ☐ NO ☐

RESULTS: Answers (number of viewers, of 27)

YES (18)

NO (9)

If yes, what difference(s) in quality were more pronounced for either? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Motion sequences better than still sequences

(The following still sequences were noted to appear worse than the motion sequences)

Toys (2) Metal Table & Chairs (2)

Cheshire Cat (1) Girls with Toys (1)

Motion sequences worse than still sequences

(The following motion sequences were noted to appear worse than still sequences)

Unspecified (3) Rotating Pyramids (2) Fax Machine (2)

Buckingham Palace (3) Clock (2) Snow Tires (2)

Dream Team (4) Mirror (2) End Zone (2)

Den (3) Woman in Room (1) Golf (1)

Crosswalk (1) Ax Murderer (1)

Differences noted; level of motion not indicated

Unspecified (1) Living Room (1)

Ax Murderer (1) Clock (1)

5. Did the size of the TV set affect your judgement of the pictures?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (15)

NO (12)

If yes, in what way?

RESULTS: Observations (number of instances reported)

Large screen resulted in poor definition/easier to see deficiencies (6)

Larger screen allows for better viewing (4)

Larger screen caused greater expectations of quality (1)

Undetermined (Comments did not specify any preference) (7)

6. Did the seat position, lighting, or color of the viewing room affect your judgement of the pictures?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (14)

NO (12)

NO RESPONSE (1)

If yes, in what way?

RESULTS: Observations (number of instances reported)

Viewing environment

Positive influence (2) Negative Influence (0) Unspecified (0)

Viewing distance/angle

Positive influence (4) Negative Influence (4) Unspecified (4)

Lighting

Positive influence (2) Negative Influence (2) Unspecified (2)

Unspecified

Positive influence (1) Negative Influence (1) Unspecified (0)

7. Did the way in which you judged the pictures change during the test session?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (19)

NO (8)

If yes, in what way and at what time(s) in the session?

Repetition of pictures improved discrimination (5)

Better at selecting criteria for judgement as session progressed (14)

Began to see fewer differences as session progressed (3)

Judgement affected by fatigue/boredom (1)

8. In judging picture quality were you biased by the content of the pictures?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (9)

NO (18)

If yes, in what way? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported) Picture # - (number of instances reported)

Repetition of pictures (biased by, or distracted by) (0)

Biased by attractiveness of picture (6)

Distracted by level of reality displayed/staging in the picture (3)

Unspecified (1)

9. Have you had any professional experience in Television or Video?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (2)

NO (25)

If yes, what type and how much?

RESULTS: Observations (number of instances reported)

Acting in commercials

(1)

College experience in broadcasting, documentaries, and anchoring

(1)

10. Please make any other comments you would like to provide.

RESULTS: Observations (number of instances reported)

Thought all pictures were excellent in quality

(2)

Hard to distinguish between A and B

(3)

Snack and break very helpful

(1)

Motion test pictures lost clarity and stability

(1)

Enjoyed experiment

(2)

Picture rating affected by low quality of film sequences (e.g. Christa)

(1)

Suggested grouping replicates for easier comparison

(1)

BASIC RECEIVED QUALITY
720P
RESPONSES TO QUALITY QUESTIONNAIRE

1. Did you see differences in picture quality between Presentation "A" and Presentation "B"?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (26)
 NO (1)

If yes, please describe the kinds of differences you observed. Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Clarity/Sharpness

Unspecified	(3)	Metal Table & Chairs	(1)	Den	(1)
Ax Murderer	(1)	Rotating Pyramids	(4)	Fax Machine	(5)
Buckingham Palace	(1)	Clock	(1)	Golf	(1)
Snow Tires	(1)	Crosswalk	(2)	Dream Team	(2)
Picnic with Ants	(12)	Mirror	(2)	End Zone	(6)
Window	(1)	Living Room	(1)	Christa	(3)
Toys	(1)				

Color Quality

Unspecified	(1)	Window	(1)	Crosswalk	(1)
Tulips	(1)	Buckingham Palace	(2)	End Zone	(1)

Brightness/Contrast

Unspecified	(3)	Fax Machine	(1)	Metal Table & Chairs	(1)
Snow Tires	(1)	Crosswalk	(1)	Dream Team	(1)
Ax Murderer	(1)	Window	(1)	Fountain	(1)
Toys	(1)	Buckingham Palace	(2)		

Motion Rendition

Dream Team	(1)	End Zone	(2)	Den	(1)
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Miscellaneous Artifacts

Life Like Images

Rotating Pyramids	(1)
Dream Team	(1)
Cheshire Cat	(1)

Blocking

Picnic with Ants	(3)
<u>Panning</u>	
Living Room	(1)

Camera Angle

Ax Murderer	(1)
Tulips	(1)
Picnic with Ants	(1)
Buckingham Palace	(1)
Metal Table & Chairs	(1)

Unspecified

(1)			
Dream Team	(1)	Buckingham Palace	(1)
Girls with Toys	(1)	Sculptures	(1)
Clock	(1)	Ax Murderer	(1)
		Rotating Pyramids	(1)
		End Zone	(1)

2. Were you able to tell which was the "REFERENCE" presentation and which was the "TEST" presentation?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (14)

NO (13)

If yes, what picture quality differences helped you? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Clarity/Sharpness

Unspecified	(3)	Window	(1)	Fax Machine	(1)
Golf	(1)	Girls with Toys	(1)	Picnic with Ants	(2)
Crosswalk	(1)	Clock	(2)	End Zone	(1)
Den	(2)				

Color Quality

Unspecified	(1)	Tulips	(1)	Rotating Pyramids	(1)
Buckingham Palace	(3)	End Zone	(1)		

Brightness/Contrast

Unspecified	(1)	Fax Machine	(1)	Buckingham Palace	(1)
Woman & Room	(1)	Mirror	(1)	Window	(1)

Motion Rendition

Buckingham Palace	(1)	Roller Coaster	(1)
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Miscellaneous Artifacts

Life Like Images

Clock	(1)	<u>Blocking</u>	
		Picnic with Ants	(2)

Unspecified

	(2)		
Ax Murderer	(1)	Dream Team	(1)
Picnic with Ants	(1)	Mirror	(1)

3. What aspects of picture quality influenced your opinion when judging the overall quality of the presentation(s)? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Clarity/Sharpness

Unspecified	(10)	Rotating Pyramids	(2)	Fax Machine	(1)
Buckingham Palace	(1)	Clock	(1)	Snow Tires	(2)
Dream Team	(1)	Picnic with Ants	(4)	Mirror	(1)
End Zone	(2)	Living Room	(1)	Crosswalk	(1)
Den	(1)	Fountain	(3)	Girls with Toys	(2)
Golf	(3)	Connections	(1)	Sculptures	(1)
Window	(1)	Toys	(1)		

Color Quality

Unspecified	(2)	Toys	(1)	Sculptures	(3)
Cheshire Cat	(1)	Snow Tires	(1)	Tulips	(3)
Buckingham Palace	(2)	Connections	(1)	Golf	(1)
Fountain	(1)	Living Room	(1)	Girls with Toys	(1)
Window	(1)	Clock	(1)	Ax Murderer	(1)

Brightness/Contrast

Unspecified	(5)	Tulips	(1)	Golf	(1)
Christa	(2)	Fountain	(2)	Mirror	(2)
Cheshire Cat	(1)	Sculptures	(2)	Connections	(1)
Girls with Toys	(1)	Rotating Pyramids	(1)	Snow Tires	(1)
Crosswalk	(2)	Ax Murderer	(2)	Woman & Room	(1)
Picnic with Ants	(1)	Toys	(1)		

Motion Rendition

Unspecified	(1)	Christa	(1)	Connections	(2)
Clock	(1)	Crosswalk	(1)	Golf	(1)
Ax Murderer	(1)	Roller Coaster	(1)	Den	(1)

Miscellaneous Artifacts

Life Like Images/3-D

Unspecified	(1)
Toys	(1)

Panning

Woman & Room	(1)
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Camera Angle

End Zone	(1)
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Unspecified

Picnic with Ants	(1)	Cheshire Cat	(1)	Metal Table & Chairs	(1)
Snow Tires	(1)	Rotating Pyramids	(1)		

4. Were the differences in quality between Presentations "A" and "B" greater for pictures that contained movement than for those that contained no movement?

YES ☐ NO ☐

RESULTS: Answers (number of viewers, of 27)

YES (15)

NO (11)

INVALID (1)

If yes, what difference(s) in quality were more pronounced for either? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Motion sequences better than still sequences

(* Denotes still sequence which appeared worse than the motion sequences)

Unspecified	(1)	Golf	(1)	Buckingham Palace	(2)
Cheshire Cat*	(2)	Fax Machine	(1)	Dream Team	(1)
Snow Tires	(2)	Crosswalk	(1)	Mirror	(1)

Motion sequences worse than still sequences

(The following motion sequences were noted to appear worse than still sequences)

Unspecified	(1)	Rotating Pyramids	(2)	Christa	(3)
Buckingham Palace	(1)	Picnic with Ants	(2)	Snow Tires	(1)
Dream Team	(4)	Mirror	(1)	Den	(1)
Golf	(2)	Crosswalk	(2)	Ax Murderer	(2)

Differences noted; level of motion not indicated

Den	(1)	Mirror	(1)
Woman & Room	(1)	Crosswalk	(1)

5. Did the size of the TV set affect your judgment of the pictures?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (13)

NO (13)

NO RESPONSE (1)

If yes, in what way?

RESULTS: Observations (number of instances reported)

Large screen resulted in poor definition/easier to see deficiencies (6)

Larger screen allows for better viewing (4)

Larger screen caused greater expectations of quality (1)

Undetermined (Comments did not specify any preference) (7)

6. Did the seat position, lighting, or color of the viewing room affect your judgment of the pictures?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (11)

NO (13)

NO RESPONSE (3)

If yes, in what way?

RESULTS: Observations (number of instances reported)

Viewing environment

Positive influence (0) Negative Influence (0) Unspecified (0)

Viewing distance/angle

Positive influence (1) Negative Influence (5) Unspecified (1)

Lighting

Positive influence (5) Negative Influence (2) Unspecified (0)

7. Did the way in which you judged the pictures change during the test session?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (17)

NO (5)

NO RESPONSE (5)

If yes, in what way and at what time(s) in the session? Please refer to specific pictures whenever possible.

Repetition of pictures improved discrimination (4)

Better at selecting criteria for judgment as session progressed (9)

Began to see fewer differences as session progressed/pictures repeated (3)

Judgment affected by fatigue/boredom (3)

Ax Murderer (1)

Judgment altered - unspecified

Sculptures (1)

8. In judging picture quality were you biased by the content of the pictures?
 YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (6)
 NO (16)
 NO RESPONSE (5)

If yes, in what way? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Repetition of pictures (biased by, or distracted by) (0)

Biased by attractiveness of picture

Connections	(1)	Toys	(1)	Cheshire Cat	(1)
Rotating Pyramids	(1)	Clock	(1)		

Distracted by level of reality displayed/staging in the picture

Tulips	(1)	Snow Tires	(1)	Cheshire Cat	(1)
Ax Murderer	(1)	Crosswalk	(1)	Golf	(1)
Buckingham Palace	(1)	Dream Team	(2)		

9. Have you had any professional experience in Television or Video?
 YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 27)

YES (2)
 NO (25)
 NO RESPONSE (5)

If yes, what type and how much?

RESULTS: Observations (number of instances reported)

Previous Television Technician (1)

Production, Editing, and Camera Video Operations (1)

10. Please make any other comments you would like to provide.

RESULTS: Observations (number of instances reported)

Thought all pictures were excellent in quality (4)

Hard to distinguish between A and B (3)

Hopes HDTV technology available soon (1)

Enjoyed experiment (2)

Repetition of pictures weakened judgments (1)

Found images artificial/disappointing (2)

Found Christa dissapointing (1)

Found images realistic/life like (2)

Poor zooming (e.g. Woman & Room, Living Room, and Den) (1)

Thought A and B differed in camera distance (1)

Pictures varied in quality (1)

APPENDIX F

SUMMARY OF RESPONSES TO

IMPAIRMENT/INTERFERENCE (ATV-to-NTSC) QUESTIONNAIRES

LOWER-ADJACENT CHANNEL INTERFERENCE (ATV-to-NTSC)
RESPONSES TO IMPAIRMENT QUESTIONNAIRES

1. Did you notice impairments in the "TEST" presentations that were not present or less pronounced in the "REFERENCE" presentations ?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 30)

YES (26)

NO (4)

If yes, please describe.

RESULTS: Observations (number of instances reported)

Fuzziness	(19)
Lines	
Vertical	(0)
Horizontal	(2)
Diagonal	(0)
Moving	(1)
Unspecified	(2)
Movement in picture	(4)
"snow"	(13)
Color	(3)
Distortion	(1)
Brightness/Contrast	(1)
Miscellaneous	
Test better than Reference on occasion	(1)
Unspecified	(3)
Invalid	(1)

2. If you saw impairments in the "TEST" presentations, did the type of impairment vary from picture to picture?

VARIED ☐

DID NOT VARY ☐

RESULTS: Answer (number of viewers, of 30)

VARIED (26)

DID NOT VARY (4)

If yes, what picture quality differences helped you?

RESULTS: Observations (number of instances reported)

Fuzziness (9)

Lines

Vertical (0)

Horizontal (0)

Diagonal (0)

Moving (0)

Unspecified (2)

Movement in picture (6)

"snow" (10)

Degree of Impairment (11)

Distortion (4)

3. Were differences between "REFERENCE" and "TEST" presentations greater for pictures that contained movement than for those that contained no movement?

YES ☐

NO ☐

RESULTS: Answer (number of viewers, of 30)

YES (9)

NO (21)

If yes, what difference(s) were more pronounced for either?.

RESULTS: Observations (number of instances reported)

Impairments more pronounced in still sequences (3)

Impairments more pronounced in motion sequences (4)

Differences noted; type of sequence not indicated (0)

Invalid (2)

4. Did the size of the TV set affect your judgement of the pictures?

YES ☐

NO ☐

RESULTS: Answer (number of viewers, of 30)

YES (8)

NO (22)

If yes, in what way?

RESULTS: Observations (number of instances reported)

A larger screen would result in artifacts being more visible (7)

Undetermined (Comments did not specify any preference) (0)

Invalid (1)

5. Did the seat position, lighting, or color of the viewing room affect your judgement of the pictures?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 30)

YES (14)

NO (16)

If yes, in what way?

RESULTS: Observations (number of instances reported) Type of influence (number of instances reported)

Viewing environment

Negative influence	(2)	Positive influence	(1)	Unspecified	(1)
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Viewing distance/angle

Negative influence	(2)	Positive influence	(2)	Unspecified	(2)
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Lighting

Negative influence	(1)	Positive influence	(6)	Unspecified	(2)
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Light wall

Negative influence	(2)	Positive influence	(1)	Unspecified	(0)
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6. Did the way in which you judged the pictures change during the test session?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 30)

YES (15)

NO (15)

If yes, in what way and at what time(s) in the session?

RESULTS: Observations (number of instances reported) Type of influence (number of instances reported)

Repetition of pictures

Positive influence	(0)	Negative influence	(3)	Unspecified	(1)
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Better at selecting criteria for judgment as session progressed (9)

Began to see fewer differences as session progressed (1)

Judgement affected by fatigue/boredom (4)

Changed as session progressed - but unspecified (2)

7. **Were you biased by the subject matter of the pictures?**

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 30)

YES (6)

NO (24)

RESULTS: Observations (number of instances reported) Type of influence (number of instances reported)

Paid more attention to Woman with Roses (2)

Distracted by movement (2)

Invalid (2)

8. **Have you had any professional experience in Television or Video?**

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 30)

YES (2)

NO (28)

If yes, what type and how much?

RESULTS: Observations (number of instances reported)

2 yrs. TV Journalism at university (including editing) (1)

Improving picture quality in computer monitors (1)

9. **Please make any other comments you would like to provide.**

RESULTS: Observations (number of instances reported)

Suggested adding more pictures (6)

More colors on screen made snow more noticeable (1)

Would prefer more moving pictures (1)

Wording on scale, "Annoying" etc., not geared toward comparison (1)

More distracted by isolated movement of flipping signs in Co-Channel (1)

Great experiencing different agitations brought out by certain pictures (1)

Fuzziness	(13)
Lines	
Vertical	(0)
Horizontal	(1)
Diagonal	(0)
Moving	(0)
Unspecified	(0)
Movement in picture	(3)
“snow”	(4)
Color	(3)
Distortion	(1)
Brightness/Contrast	(3)
Miscellaneous	
Test better than Reference on occasion	(1)
Unspecified	(4)

2. If you saw impairments in the "TEST" presentations, did the type of impairment vary from picture to picture?

VARIED

☐

DID NOT VARY

☐

RESULTS: Answer (number of viewers, of 26)

VARIED (19)

DID NOT VARY (7)

If yes, what picture quality differences helped you?

RESULTS: Observations (number of instances reported)

Fuzziness	(8)
Lines	
Vertical	(0)
Horizontal	(0)
Diagonal	(0)
Moving	(0)
Unspecified	(2)
Movement in picture	(2)
"snow"	(5)
Degree of Impairment	(9)
Distortion	(1)
Color	(3)
Brightness/Contrast	(4)
Unspecified	(1)

3. Were differences between "REFERENCE" and "TEST" presentations greater for pictures that contained movement than for those that contained no movement?

YES

☐

NO

☐

RESULTS: Answer (number of viewers, of 26)

YES (7)

NO (19)

If yes, what difference(s) were more pronounced for either?.

RESULTS: Observations (number of instances reported)

Impairments more pronounced in still sequences	(2)
Impairments more pronounced in motion sequences	(4)
Differences noted; type of sequence not indicated	(0)
Invalid	(1)

4. Did the size of the TV set affect your judgement of the pictures?

YES

☐

NO

☐

RESULTS: Answer (number of viewers, of 26)

YES (9)

NO (17)

If yes, in what way?

RESULTS: Observations (number of instances reported)

<i>A larger screen would result in artifacts being more visible</i>	(6)
<i>Undetermined (Comments did not specify any preference)</i>	(2)
<i>Invalid</i>	(1)

5. Did the seat position, lighting, or color of the viewing room affect your judgement of the pictures?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES (11)
NO (15)

If yes, in what way?

RESULTS: Observations (number of instances reported) Type of influence (number of instances reported)

Viewing environment

Negative influence	(2)	Positive influence	(1)	Unspecified	(1)
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Viewing distance/angle

Negative influence	(0)	Positive influence	(1)	Unspecified	(1)
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Lighting

Negative influence	(0)	Positive influence	(5)	Unspecified	(0)
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Light wall

Negative influence	(1)	Positive influence	(0)	Unspecified	(0)
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Color

Negative influence	(0)	Positive influence	(0)	Unspecified	(3)
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Miscellaneous

Room reflection on screen (1)

6. Did the way in which you judged the pictures change during the test session?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES (14)
NO (12)

If yes, in what way and at what time(s) in the session?

RESULTS: Observations (number of instances reported) Type of influence (number of instances reported)

Repetition of pictures

Negative influence	(3)	Positive influence	(1)	Unspecified	(0)
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Better at selecting criteria for judgment as session progressed (7)

Began to see fewer differences as session progressed (0)

Judgement affected by fatigue/boredom (0)

Changed as session progressed - but unspecified (3)

7. **Were you biased by the subject matter of the pictures?**

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES (5)
NO (21)

RESULTS: Observations (number of instances reported) Type of influence (number of instances reported)

Woman with Roses was easier to judge (1)
Distracted by movement (1)
Preoccupied by gender stereotypes (2)
Invalid (2)

8. **Have you had any professional experience in Television or Video?**

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES (2)
NO (24)

If yes, what type and how much?

RESULTS: Observations (number of instances reported)

Professional photographer (1)
Video Camera Person (1)

9. **Please make any other comments you would like to provide.**

RESULTS: Observations (number of instances reported)

Suggested adding more pictures (2)
Suggests more interesting subject matter (i.e. hockey) (3)
Suggests neutral (not gender stereotyped) pictures (1)
Suggests more time for fine resolution pictures (1)
Some Reference pictures noticeably better than regular transmission (1)

APPENDIX G

SUMMARY OF RESPONSES TO RECEIVER SCAN CONVERSION

QUESTIONNAIRES

RESPONSES TO SCAN-CONVERSION QUESTIONNAIRE

1. Did you see differences in picture quality between Presentation "A" and Presentation "B"?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES (26)

NO (0)

If yes, please describe the kinds of differences you observed. Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Clarity/Sharpness

Unspecified	(2)	Den	(1)	Rotating Pyramids	(6)
Dream Team	(8)	Picnic with Ants	(10)	Woman & Room	(2)
Cheshire Cat	(3)	Ducks	(5)		

Color Quality

Unspecified	(2)	Metal Table & Chairs	(2)	Rotating Pyramids	(2)
Dream Team	(2)	Picnic with Ants	(1)	Woman & Room	(1)
Ducks	(3)				

Brightness/Contrast

Unspecified	(3)	Metal Table & Chairs	(1)	Rotating Pyramids	(2)
Dream Team	(2)	Cheshire Cat	(1)	Ducks	(2)

Motion Rendition

Unspecified	(0)	Den	(1)	Rotating Pyramids	(2)
Dream Team	(2)	Picnic with Ants	(1)	Woman & Room	(1)

Miscellaneous Artifacts

Life Like Images

Unspecified	(1)	Rotating Pyramids	(2)		
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Text Twitter

Picture Shift

				Metal Table & Chairs	(1)
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Blocking

Unspecified	(1)				
Picnic with Ants	(13)				

Moiré Pattern

		Den	(6)		
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Distortion

				Dream Team	(1)
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Unspecified

Dream Team	(2)	Ducks	(1)		
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2. Were you able to tell which was the "REFERENCE" presentation and which was the "TEST" presentation?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES (17)

NO (9)

If yes, what picture quality differences helped you? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Clarity/Sharpness

Unspecified	(1)	Rotating Pyramids	(2)	Dream Team	(5)
Picnic with Ants	(8)	Woman & Room	(1)	Cheshire Cat	(3)
Ducks	(3)				

Color Quality

Unspecified	(0)	Metal Table & Chairs	(1)	Rotating Pyramids	(3)
Dream Team	(2)	Picnic with Ants	(2)	Ducks	(1)

Brightness/Contrast

Unspecified	(1)	Rotating Pyramids	(2)	Dream Team	(1)
Picnic with Ants	(1)	Woman & Room	(1)	Cheshire Cat	(1)
Ducks	(1)				

Motion Rendition

Unspecified	(0)	Den	(2)	Rotating Pyramids	(2)
Dream Team	(3)	Woman & Room	(1)		

Miscellaneous Artifacts

<u>Text Twitter</u>		<u>Moiré Pattern</u>		<u>Distortion</u>	
Rotating Pyramids	(2)	Den	(1)	Dream Team	(1)

Blocking

Picnic with Ants	(4)
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Unspecified

Picnic with Ants	(3)
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3. What aspects of picture quality influenced your opinion when judging the overall quality of the presentation(s)? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Clarity/Sharpness

Unspecified	(5)	Rotating Pyramids	(4)	Dream Team	(6)
Picnic with Ants	(9)	Woman & Room	(1)	Cheshire Cat	(1)
Ducks	(7)				